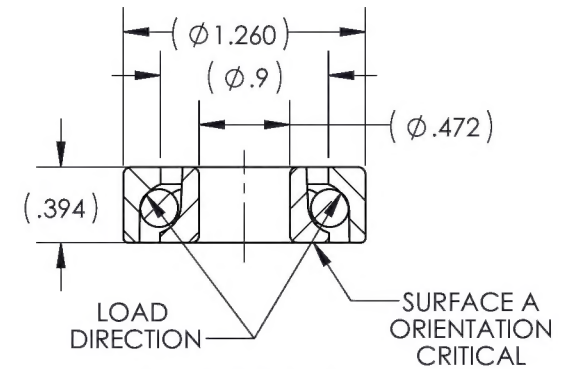
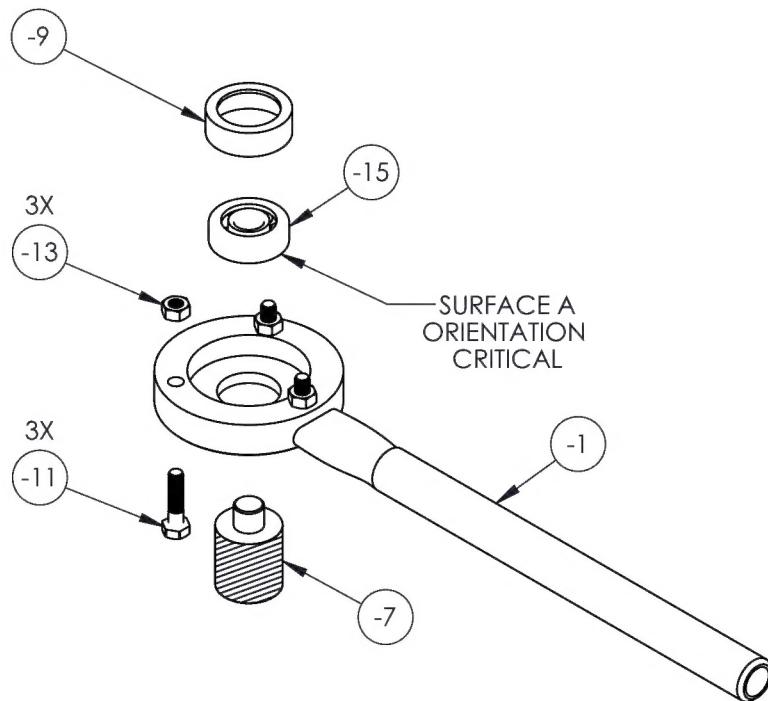
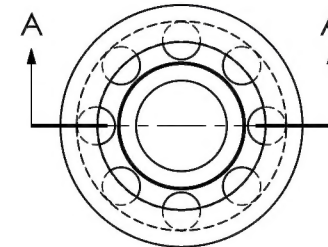


REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	2/8/2016	SM	JAG



SECTION A-A
SCALE 1 : 1



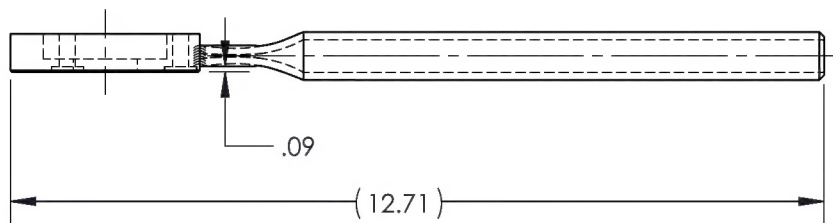
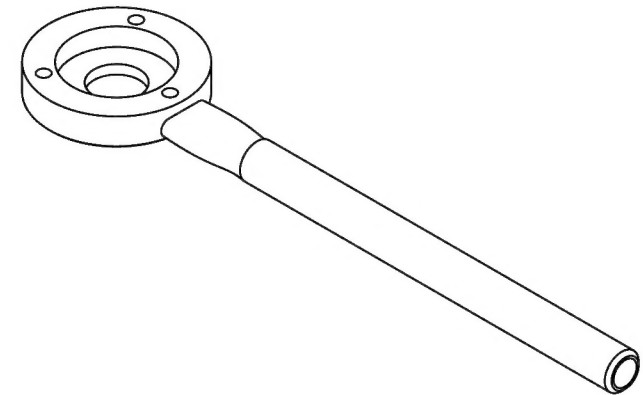
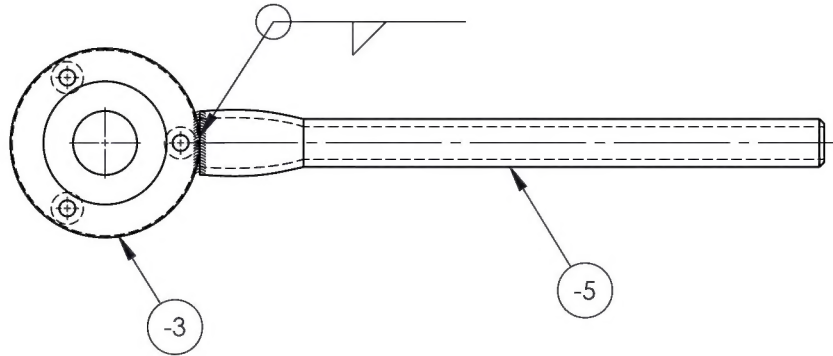
NOTE:
REF. EUROCOPTER T/N: 105-31501W6.



ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	PULLER			
	X		-1	1	WRENCH WELDMENT			2	DWG NO.		RBE105-31501W6	REV 1
	1		-3		RING	4140	Ø3 X 3/4	3	MAT'L		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
	1		-5		TUBE	1018	Ø3/4 X .12 WALL X 10	4	HEAT TREAT FINISH		.XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES ± 125/✓	
			-7	1	THREADED PLUG	SP	Ø1-1/4 X 1-3/8	5	SPEC		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
			-9	1	CAP	ALUMINUM-BRONZE	Ø1-3/8 X 5/8	6	DRAWN BY: GILBERT		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
		B/O	-11	3	SCREW	STEEL	M6 x 1 X 25 MCMaster-CARR #91310A334	1	CHECKED: MACKOVJAK		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
		B/O	-13	3	NUT	STEEL	M6 x 1 MCMaster-CARR #92497A350	1	OPPS APPR: ANDERSON		USED ON MODEL	
		B/O	-15	1	ANGULAR CONTACT BEARING		Ø12mm I.D X 32mm OD X 10mm SKF #7201-SKF	1	QA APPR: LINDSAY		EC 145	
	ASSY -1								APPROVED: D Weil		SCALE 1:3 DATE 6/6/2013 SHEET 1 OF 6	

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REV	DESCRIPTION	DATE	INITIAL	APPROVED



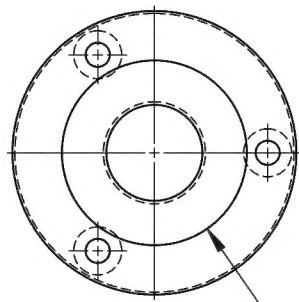
(-1)

WRENCH WELDMENT

DART AEROSPACE	
TITLE PULLER	
DWG NO. RBE105-31501W6-1	REV 1
MAT'L QQ-P-416F, TYPE II, CLASS II	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125°
FINISH CAD PLATE YELLOW	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
SPEC QQ-P-416F, TYPE II, CLASS II	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
DRAWN BY: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
CHECKED:	USED ON MODEL
OPPS APPR:	EC 145
QA APPR:	APPROVED: D Weil
SCALE 1:3	DATE 6/6/2013
SHEET 2 OF 6	

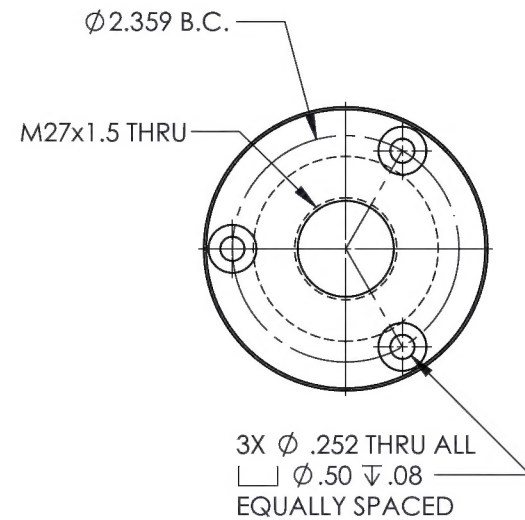
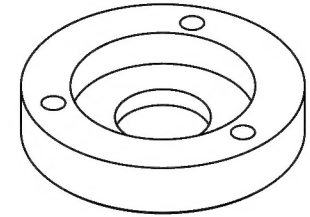
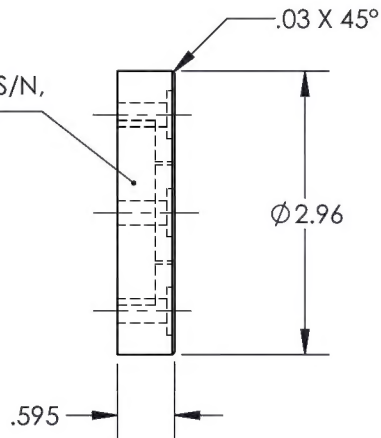
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REV	DESCRIPTION	DATE	INITIAL	APPROVED



$\phi 1.93 \pm .295$

ENGRAVE T/N, S/N,
"MADE IN USA"



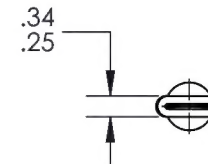
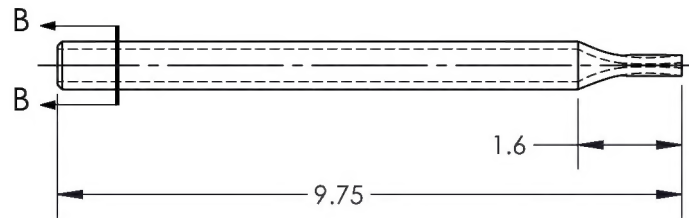
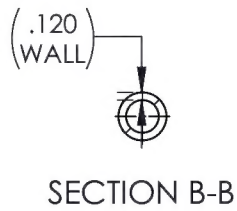
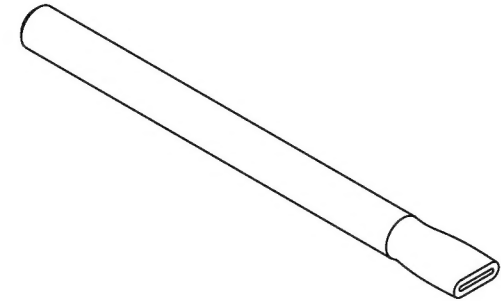
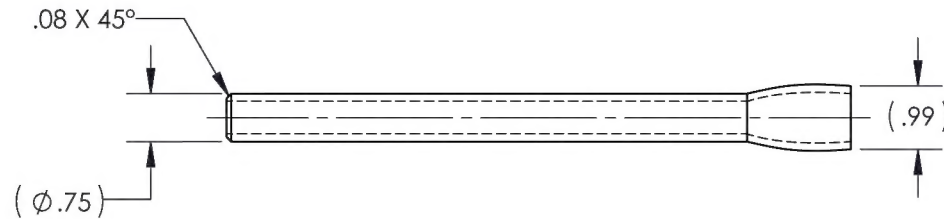
(3)

RING

DART AEROSPACE	
TITLE PULLER	
DWG NO. RBE105-31501W6-3	REV 1
MAT'L 4140	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -1 WELDMENT	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
DRAWN BY: GILBERT	.X ± .1 SURFACES = 125
CHECKED:	1. BREAK ALL SHARP EDGES
OPPS APPR:	.015 x 45° OR .015R
QA APPR:	2. DIMENSIONAL LIMITS APPLY
APPROVED: D Weil	AFTER PLATING
SCALE 1:2	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 6/6/2013	USED ON MODEL
SHEET 3 OF 6	EC 145

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(-5)

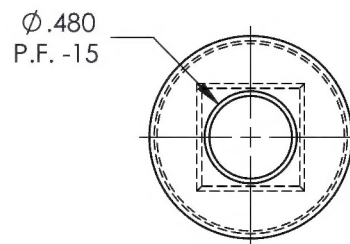
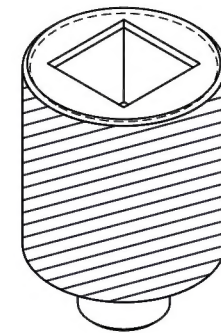
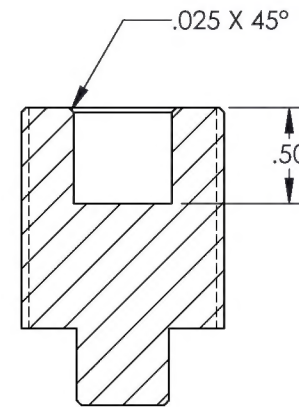
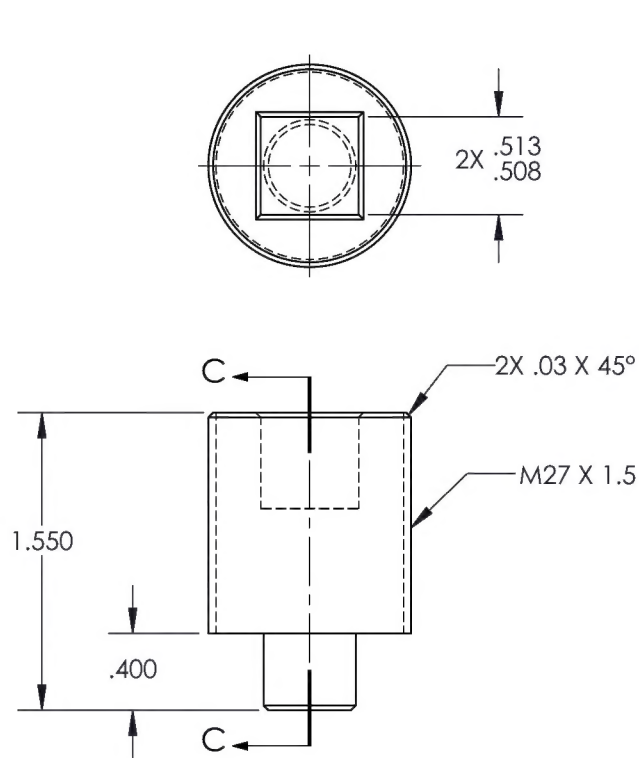
TUBE

DART AEROSPACE	
TITLE PULLER	
DWG NO. RBE105-31501W6-5	REV 1
MAT'L 1018	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -1 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
DRAWN BY: GILBERT	.X ± .1 SURFACES = 125° ✓
CHECKED:	1. BREAK ALL SHARP EDGES
OPPS APPR:	.015 x 45° OR .015R
QA APPR:	2. DIMENSIONAL LIMITS APPLY
APPROVED: D Weil	AFTER PLATING
SCALE 1:3	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 6/6/2013	USED ON MODEL
SHEET 4 OF 6	EC 145

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REV	DESCRIPTION	DATE	INITIAL	APPROVED
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(-7)

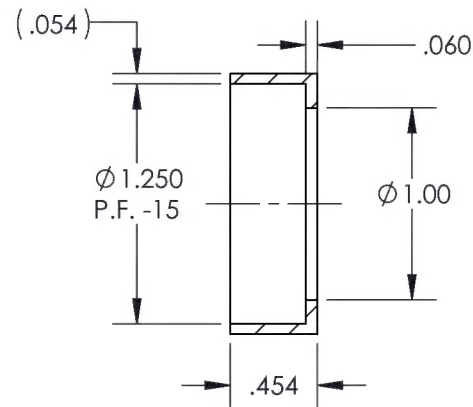
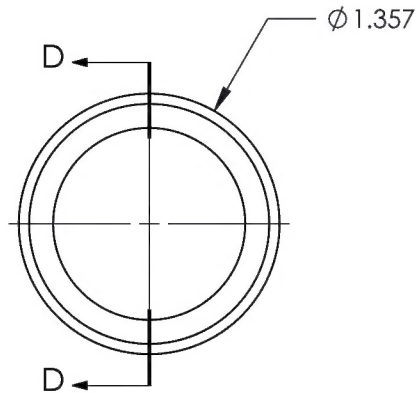
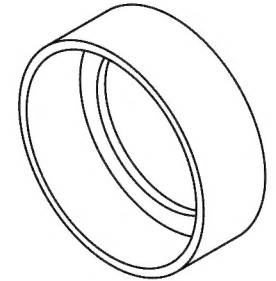
THREADED PLUG



TITLE		PULLER	
DWG NO.		RBE105-31501W6-7	
REV		1	
MAT'L SP	UNLESS OTHERWISE SPECIFIED	DIMENSIONS ARE IN INCHES	
HEAT TREAT	.XXX ± .005	FRACTIONS ± 1/8	
FINISH	CAD PLATE YELLOW	.XX ± .01 ANGLES ± 5°	
SPEC	QQ-P-416F, TYPE II, CLASS II	.X ± .1 SURFACES = 125°	
DRAWN BY:	GILBERT	1. BREAK ALL SHARP EDGES	
CHECKED:		.015 x 45° OR .015R	
OPPS APPR:		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
QA APPR:		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
APPROVED:	D Weil	USED ON MODEL	
SCALE	1:1	EC 145	
DATE	6/6/2013	SHEET 5 OF 6	

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REV	DESCRIPTION	DATE	INITIAL	APPROVED



SECTION D-D

(-9)

CAP

DART AEROSPACE	
TITLE PULLER	
DWG NO. RBE105-31501W6-9	REV 1
MAT'L ALUMINUM-BRONZE	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED:	.015 x 45° OR .015R
OPPS APPR:	2. DIMENSIONAL LIMITS APPLY
QA APPR:	AFTER PLATING
APPROVED: D Weil	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	EC 145
SCALE 1:1	DATE 7/19/2013
	SHEET 6 OF 6